

## **Review of Arizona's 2012-2014 Draft 303(d) and 305(b) Integrated Report**

### **1) Compare 2010 303(d) list to 2012-2014 303(d) list and look for any missing waterbodies**

All waterbodies on the 2010 list were included on the 2012-2014 list.

### **2) Added waterbodies**

Seven waterbodies were added to Arizona's 2012-2014 303(d) list:

<b>Waterbody</b>	<b>Watershed</b>	<b>Size acres/mile s</b>	<b>Impairment</b>
Virgin River Sullivan's Canyon to Beaver Dam Wash 15010010-004	Colorado-Grand Canyon Watershed	9.7 mi	Selenium (total) ( <b>2012</b> )
Puerco River Dead Wash to Ninemile Wash 15020007-007	Little Colorado Watershed	0.2 mi	<i>E. coli</i> ( <b>2012</b> )
Queen Creek Headwaters to Superior WWTP discharge 15050100- 014A	Middle Gila Watershed	8.8 mi	Selenium (total) ( <b>2012</b> )
Salt River Canyon Creek to Cherry Creek	Salt Watershed	19.6 mi	Selenium (total) ( <b>2012</b> )
Butte Creek Headwaters to Miller Creek 15060202-768	Verde Watershed	6..3 mi	<i>E. coli</i> ( <b>2012</b> )
Manzanita Creek Headwaters to Granite Creek 15060202-772	Verde Watershed	2.8 mi	<i>E. coli</i> ( <b>2012</b> )
Willow Creek Reservoir 15060202-1660	Verde Watershed	294 a	Ammonia ( <b>2012</b> )

### **3) Delistings**

Arizona is proposing removal of 14 waterbodies, listed in Appendix E, from the 2012/2014 303(d) list. A de-list report or data summary was not included for any of the proposed delistings. *EPA comments request that ADEQ include a de-list report for the pesticide delistings in the Gila River, Hassayampa River, Painted Rock Reservoir, and Salt River. We also requested that ADEQ provide a data summary for the Colorado River and East Verde River delistings. A data summary should include the data and corresponding dates used to list the waterbody for the impairment, the comparative water quality standard(s), and new data and corresponding dates used to de-list the waterbody.*

Delistings in Appendix E:

Colorado Grand Canyon, Colorado River, Lake Powell to Paria River – Selenium

Lower Gila, Painted Rock Borrow Pit – Pesticides in fish tissue

Middle Gila, Multiple Reaches - Pesticides in fish tissue

Middle Gila, Hassayampa River, Buckeye Canal to Gila River - Pesticides in fish tissue

Painted Rock Reservoir- Pesticides in fish tissue

Salt River 23<sup>rd</sup> Ave WWTP to Gila River - Pesticides in fish tissue

Verde, East Verde River, American Gulch to Verde River - Boron

### **4) Success Stories**

### **5) Inconclusive**

### **6) Santa Cruz River Data Assessment**

EPA and Tetra Tech recently compiled data from the Santa Cruz River and completed a data summary assessment. Data from Friends of the Santa Cruz River (FOSCR), the International Boundary and Water Commission (IBWC) and ADEQ that was included in Tetra Tech's analysis shows impairments of the partial body contact (PBC) standard in Santa Cruz River NIWTP to Josephine Canyon (Waterbody ID 15050301-009) and Santa Cruz River, Tubac Bridge to Sabori Wash (Waterbody ID 15050301-008A,) should be listed as impaired. ADEQ's Assessment Methodology requires two or more exceedances of the E.coli single sample maximum (SSM) PBC water quality standard to determine impairment

of a designated use. In the Santa Cruz River, NIWTP to Josephine Canyon, there were three exceedances of the E.coli SSM PBC standard during the last three years of monitoring data based on the data window for the 2012/2014 IR (June 30, 2008 - June 30, 2011). In addition there were two additional exceedances of the E.coli SSM PBC standard for this reach in July 2011. In the Santa Cruz River, Tubac Bridge to Sapor Wash, there were four exceedances of the E.coli SSM during the last three years of monitoring data based on the data window for the 2012/2014 IR (June 30, 2008 - June 30, 2011). In addition there were two additional exceedances of the E.coli SSM for this reach in July 2011 and September 2011.

## **7) Fish Advisories**

There were no new fish advisories issued during the 2012 – 2014 data window that were not included in Arizona's 303(d) list. On June 18, 2013 EPA added two waterbodies: Lake Powell, Water body 14070006-1130; and Tonto Creek, Water body 15060105-013B based on fish advisories from October 2012, and July 2011 respectively.

## **8) Priority Ranking**

Why is Gila and Painted Rocks listed here as needing a TMDL and also listed as a delist?

## **9) Data Assembly**

ADEQ included data from July 1, 2006 - June 30, 2011 in the 2012/2014 IR. A data solicitation was sent to stakeholders on XXX 2009 for water quality data from years 2004-2008 during the 2010 IR data solicitation. ADEQ also included all data from 2006 through 2011 that is housed in their Water Quality Database. The Water Quality Database includes ambient water quality which ADEQ collects as well as data received annually from stakeholders such as USGS, Slide Rock State Park NPS, University of Arizona, ambient daily monitoring reports from permittees. For years 2009-2011 the database includes data sent to ADEQ on an annual basis from stakeholders including: XXXX. ADEQ did not provide the dates for the public data solicitation or the list of data contributors in the 2012/2014 IR. *EPA comments request that this information be included in the Draft 2012/2014 IR.*

[http://water.epa.gov/lawsregs/lawsguidance/cwa/tmdl/upload/2005\\_08\\_11\\_tmdl\\_2006IRG\\_report\\_2006irg-sec4.pdf](http://water.epa.gov/lawsregs/lawsguidance/cwa/tmdl/upload/2005_08_11_tmdl_2006IRG_report_2006irg-sec4.pdf) (guidance p. 31)